

cur_ins [15:0]	ram	Octal Value  Of cur_ins	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	
0040 (Hex)	ram [0]	16'o 000100;	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	d_out_a+ d_out_b= FFFF+FFFF =FFFE with carry =1
0281 (Hex)	ram [1]	16'o 001100;	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	d_out_a- d_out_b= FFFE-FFFF =FFFF with borrow=1
04D1 (Hex)	ram 2]	16'o 002100	0	0	0	0	0	1	0	0	1	1	0	1	0	0	0	1	d_out_a AND d_out_b= FFFE AND FFFF=FFFE
071A (Hex)	ram [3]	16'o 003100;	0	0	0	0	0	1	1	1	0	0	0	1	1	0	1	0	d_out_a OR d_out_b= FFFF OR FFFE=FFFF